

[illegible]



FIG. 1C

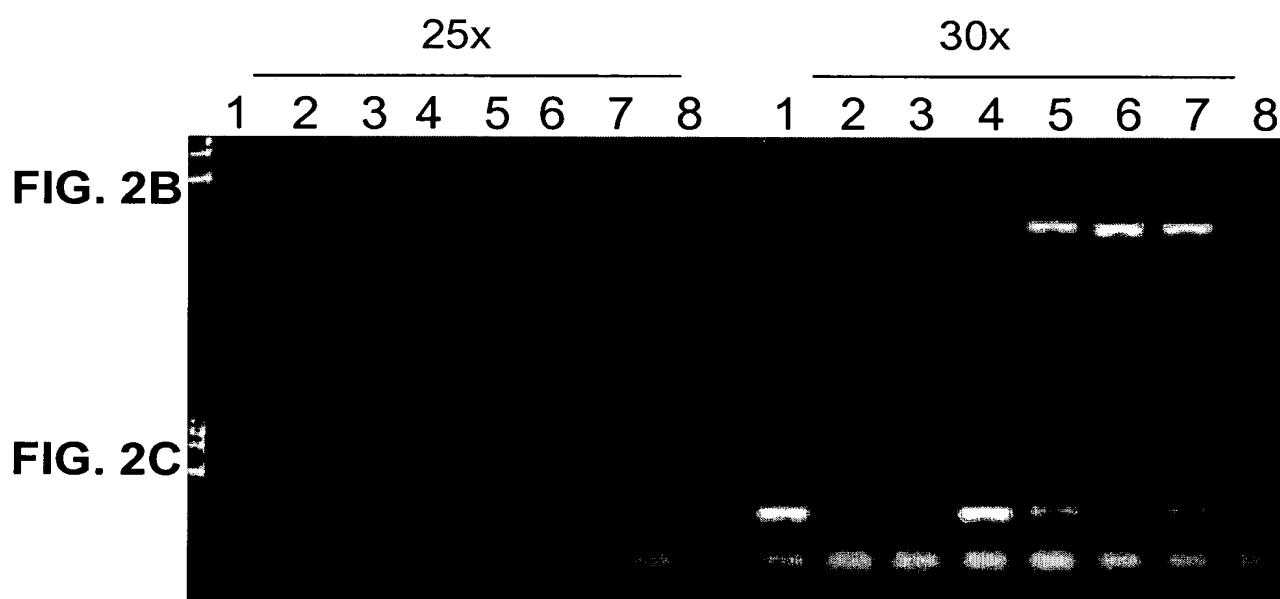
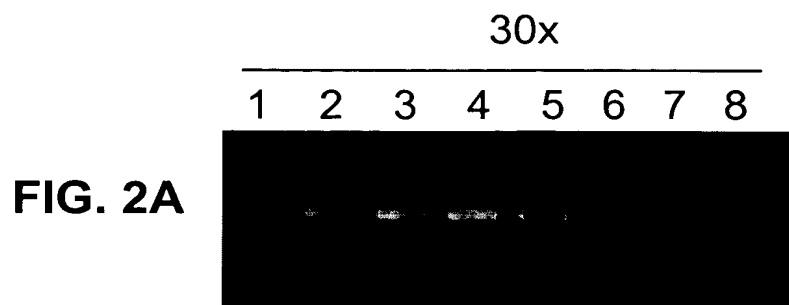
1307	1316	1325	1334	1343	1352
GTT AGA GAC TGT	ATA CGC CTT	CGA GGT CTT	CCC TAT GCA	GCC ACA ATT	GAG GAC
V R D C	<b>A R L R S L</b>		P Y A A	T I	E D
1361	1370	1379	1388	1397	1406
ATC CTG GAT TTC	CTG GGG GAG	TTC GCC ACA	GAT ATT CGT	ACT CAT GGG	GTT CAC
I L D F	L G E F	A T D I	R T H G	V H	
1415	1424	1433	1442	1451	1460
ATG GTT TTG AAT	CAC CAG GGC	CGC CCA TCA	GGA GAT GCC	TTT ATC CAG	ATG AAG
M V L N	H Q G R	P S G D	A F I Q	M K	
1469	1478	1487	1496	1505	1514
TCT GCG GAC AGA	GCA TTT ATG	GCT GCA CAG	AAG TGT CAT	AAA AAA AAC	ATG AAG
S A D R	A F M A	A Q K C	H K K N	M K	
1523	1532	1541	1550	1559	1568
GAC AGA TAT GTT	GAA GTC TTT	CAG TGT TCA	GCT GAG GAG	ATG AAC TTT	GTG TTA
D R Y V	E V F Q	C S A E	E M N F	V L	
1577	1586	1595	1604	1613	1622
ATG GGG GGC ACT	TTA AAT CGA	AAT GGC TTA	TCC CCA CCG	CCA TGC CTG	TCT CCT
M G G T	L N R N	G L S P	P P P C	L S P	
1631	1640	1649	1658	1667	1676
CCC TCC TAC ACA	TTT CCA GCT	CCT GCT GCA	GTT ATT CCT	ACA GAA GCT	GCC ATT
P S Y T	F P A P	A A V I	P T E A	A I	
1685	1694	1703	1712	1721	1730
TAC CAG CCC TCT	GTG ATT TTG	AAT CCA CGA	GCA CTG CAG	CCC TCC ACA	GCG TAC
Y Q P S	V I L N	P R A L	Q P S T	A Y	
1739	1748	1757	1766	1775	1784
TAC CCA GCA GGC	ACT CAG CTC	TTC ATG AAC	TAC ACA GCG	TAC TAT CCC	AGC CCC
Y P A G	T Q L F	M N Y T	A Y Y P	S P	
1793	1802	1811	1820	1829	1838
CCA GGT TCG CCT	AAT AGT CTT	GGC TAC TTC	CCT ACA GCT	GCT AAT CTT	AGC GGT
P G S P	N S L G	Y F P T	A A N L	S G	
1847	1856	1865	1874	1883	1892
GTC CCT CCA CAG	CCT GGC ACG	GTG GTC AGA	ATG CAG GGC	CTG GCC TAC	AAT ACT
V P P Q	P G T V	V R M Q	G L A Y	N T	
1901	1910	1919	1928	1937	1946
GGA GTT AAG GAA	ATT CTT AAC	TTC TTC CAA	GGT TAC CAG	TAT GCA ACC	GAG GAT
G V K E	I L N F	F Q G Y	Q Y A T	E D	

1307 1316 1325 1334 1343 1352  
 1361 1370 1379 1388 1397 1406  
 1415 1424 1433 1442 1451 1460  
 1469 1478 1487 1496 1505 1514  
 1523 1532 1541 1550 1559 1568  
 1577 1586 1595 1604 1613 1622  
 1631 1640 1649 1658 1667 1676  
 1685 1694 1703 1712 1721 1730  
 1739 1748 1757 1766 1775 1784  
 1793 1802 1811 1820 1829 1838  
 1847 1856 1865 1874 1883 1892  
 1901 1910 1919 1928 1937 1946

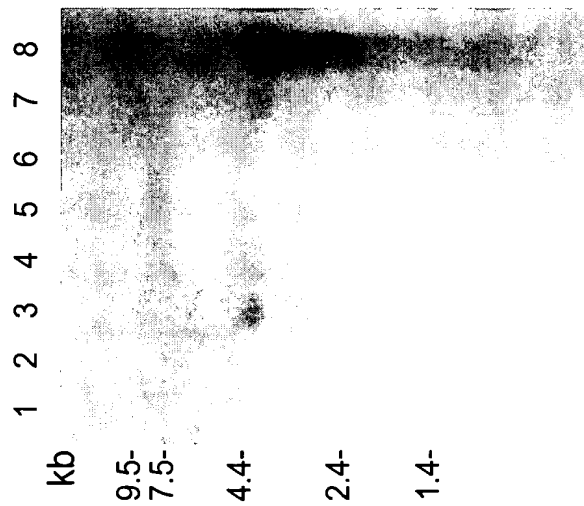
FIG. 1D

1955	1964	1973	1982	1991	2000
GGA CTT ATA	CAC ACA AAT	GAC CAG GCC	AGG ACT CTA	CCC AAA GAA	TGG GTT TGT
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G L I	H T N	D Q A	R T L	P K E	W V C
2009	2018	2027	2036	2045	2054
ATT TAA GGG	CCC CAG CAG	TTA GAA CAT	CCT CAG AAA	AGA AGT GTT	TGA AAG ATG
---	---	---	---	---	---
I * G	P Q Q	L E H	P Q K	R S V	* K M
2063	2072	2081	2090	2099	2108
TAT GGT GAT	CTT GAA ACC	TCC AGA CAC	AAG AAA ACT	TCT AGC AAA	TTC AGG GGA
---	---	---	---	---	---
Y G D	L E T	S R H	K K T	S S K	F R G
2117	2126	2135	2144	2153	2162
AGT TTG TCT	ACA CTC AGG	CTG CAG TAT	TTT CAG CAA	ACT TGA TTG	GAC AAA CGG
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S L S	T L R	L Q Y	F Q Q	T *	
2171	2180	2189	2198	2207	2216
GCC TGT GCC	TTA TCT TTT	GGT GGA GTG	AAA AAA TTT	GAG CTA GTG	AAG CCA AAT
---	---	---	---	---	---
2225	2234	2243	2252	2261	2270
CGT AAC TTA	CAG CAA GCA	GCA TGC AGC	ATA CCT GGC	TCT TTG CTG	ATT GCA AAT
---	---	---	---	---	---
2279	2288	2297	2306	2315	2324
AGG CAT TTA	AAA TGT GAA	TTT GGA ATC	AGA TGT CTC	CAT TAC TTC	CAG TTA AAG
---	---	---	---	---	---
2333	2342	2351	2360	2369	2378
TGG CAT CAT	AGG TGT TTC	CTA AGT TTT	AAG TCT TGG	ATA AAA ACT	CCA CCA GTG
---	---	---	---	---	---
2387	2396	2405	2414	2423	2432
TCT ACC ATC	TCC ACC ATG	AAC TCT GTT	AAG GAA GCT	TCA TTT TTG	TAT ATT CCC
---	---	---	---	---	---
2441	2450	2459	2468	2477	2486
GCT CTT TTC	TCT TCA TTT	CCC TGT CTT	CTG CAT AAT	CAT GCC TTC	TTG CTA AGT
---	---	---	---	---	---
2495	2504	2513	2522	2531	2540
AAT TCA AGC	ATA AGA TCT	TGG AAT AAT	AAA ATC ACA	ATC TTA GGA	GAA AGA ATA
---	---	---	---	---	---
2549	2558	2567	2576	2585	2594
AAA TTG TTA	TTT TCC CAG	TCT CTT GGC	CAT GAT GAT	ATC TTA TGA	TTA AAA ACA
---	---	---	---	---	---
2603	2612	2621	2630	2639	2648
AAT TAA ATT	TTA AAA CAC	CTG AAG ATA	AAT TAG AAG	AAA TTG TGC	ACC CTC CAC
---	---	---	---	---	---
2657	2666	2675	2684	2693	2702
AAA ACA TAC	AAA GTT TAA	AAG TTT GGA	TCT TTT TCT	CAG CAG GTA	TCA GTT GTA
---	---	---	---	---	---
2711	2720	2729	2738	2747	2756
AAT AAT GAA	TTA GGG GCC	AAA ATG CAA	AAC GAA AAA	TGA AGC AGC	TAC ATG TAG
---	---	---	---	---	---
2765	2774	2783	2792	2801	2810
TTA GTA ATT	TCT AGT TTG	AAC TGT AAT	TGA ATA TTG	TGG CTT CAT	ATG TAT TAT
---	---	---	---	---	---
2819	2828	2837	2846	2855	2864
TTT ATA TTG	TAC TTT TTT	CAT TAT TGA	TGG TTT GGA	CTT TAA TAA	GAG AAA TTC
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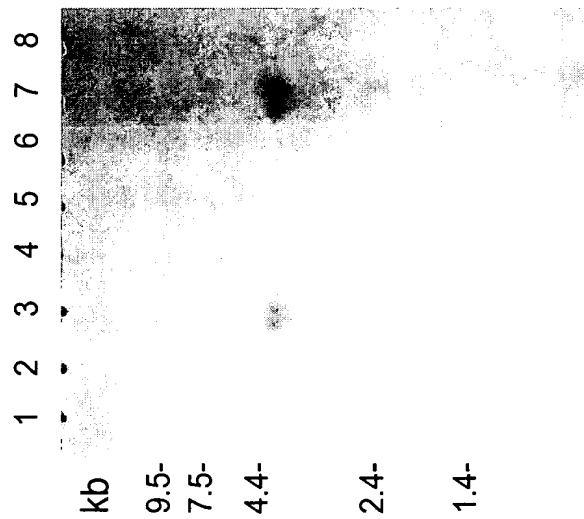
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**FIG. 3A**



**FIG. 3B**



**FIG. 3C**

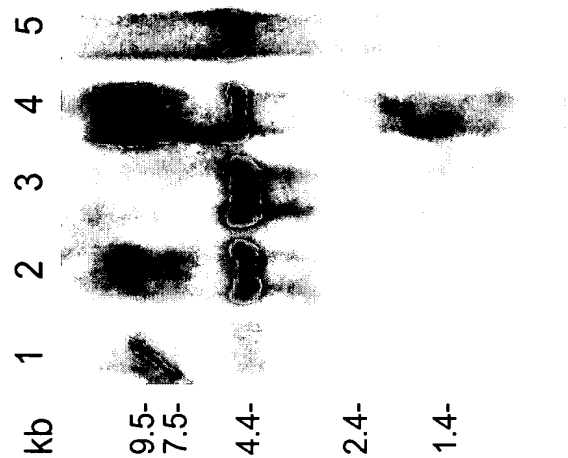


FIG. 4

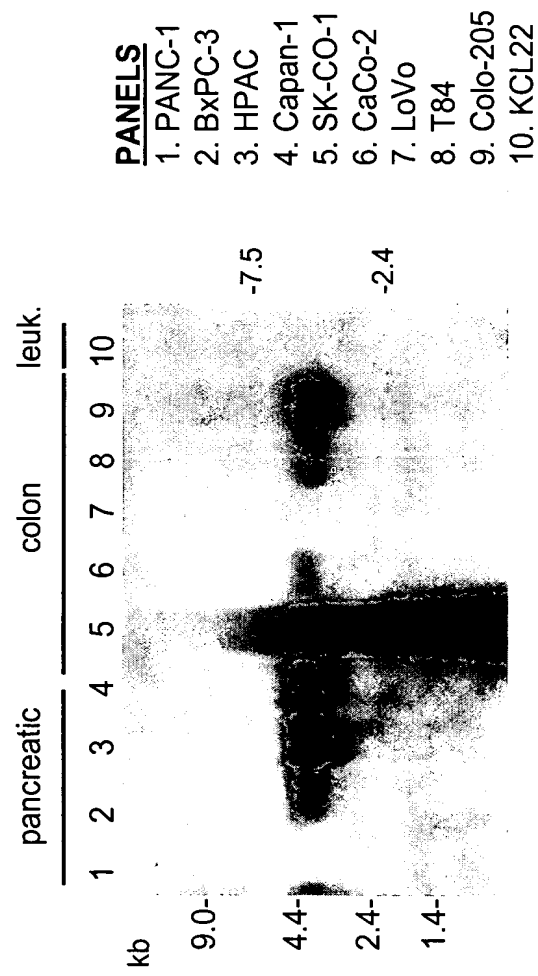
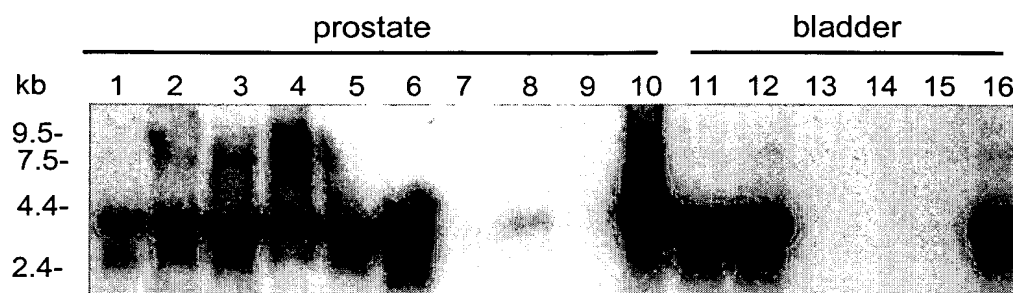




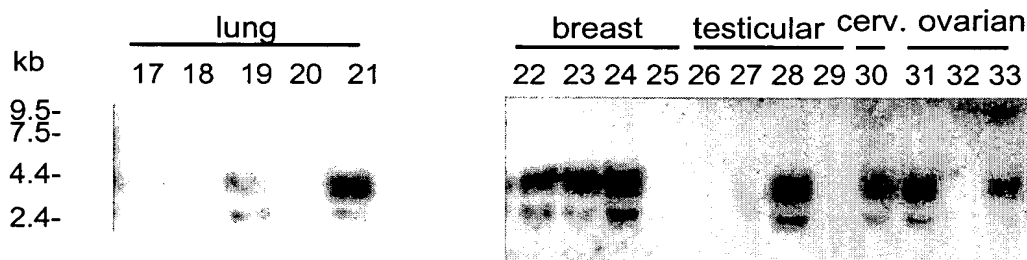
FIG. 5A



**PANELS**

- |              |               |
|--------------|---------------|
| 1. PrEC      | 9. Tsu-Pr1    |
| 2. LAPC-4 AD | 10. LAPC-4 CL |
| 3. LAPC-4 AI | 11. HT1197    |
| 4. LAPC-9 AD | 12. SCaBER    |
| 5. LAPC-9 AI | 13. UM-UC-3   |
| 6. LNCaP     | 14. TCCSUP    |
| 7. PC-3      | 15. J82       |
| 8. DU145     | 16. 5637      |

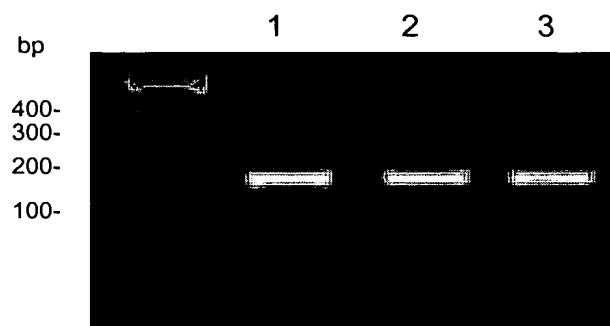
FIG. 5B



**PANELS**

- |                 |              |
|-----------------|--------------|
| 17. CALU-1      | 26. NTERRA-2 |
| 18. SK-LU-1     | 27. NCCIT    |
| 19. A427        | 28. TERA-1   |
| 20. NCI-H82     | 29. TERA-2   |
| 21. NCI-H146    | 30. A431     |
| 22. CAMA-1      | 31. OV-1063  |
| 23. DU4475      | 32. PA-1     |
| 24. MCF-7       | 33. SW626    |
| 25. MDA-MB-435s |              |

**FIG. 6**



- Bladder cancer patient pool
- Colon cancer patient pool
- Lung cancer patient pool

FIG. 7A

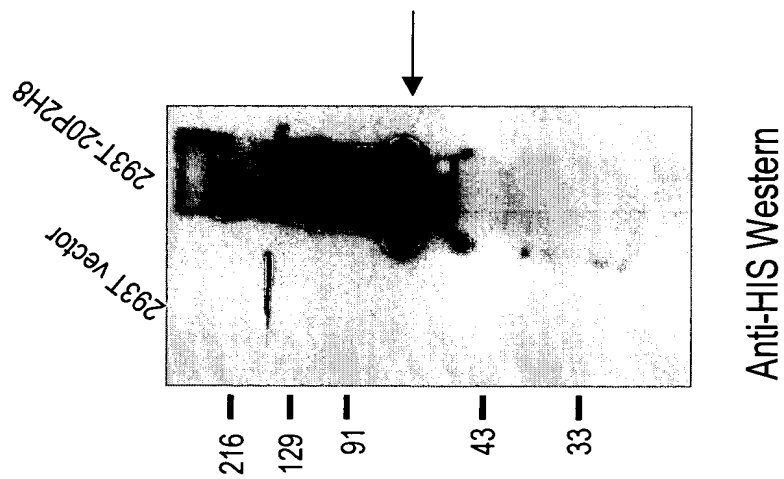
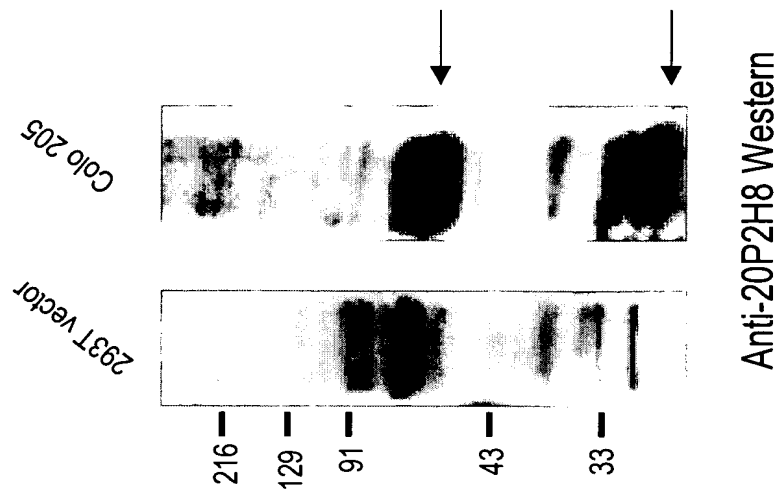


FIG. 7B



**FIG. 8**

